

Exercise 01 : Read the text and answer the following:

Physics, the fundamental science concerned with the nature of matter and energy, is not confined to laboratories; it permeates every aspect of daily life, from the simple act of walking, governed by Newton's laws, to the intricate workings of global communication networks. Household appliances, transportation systems, and modern technologies like smartphones and the internet all rely on fundamental physical principles such as thermodynamics, electromagnetism, and quantum mechanics. Furthermore, physics is crucial for understanding and managing our environment, including weather patterns, climate change, and energy generation, as well as revolutionizing medical diagnostics and treatments. In essence, physics provides the underlying framework upon which our world functions, making its influence ubiquitous and essential for navigating and improving our daily existence.

*According to the text;*

- 1- give a definition to "physics".
- 2- Physics is confined to laboratories. ( true/ false)
- 3- State three (03) applications of physics in our daily life.

Exercise 02: State five (05) key steps for creating a good summary.

Exercise 03: Match the synonyms:

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|---------------------------|--------------------------------------|
| • "ubiquitous influence"  | • refer to the governing rules.      |
| • "a fundamental science" | • "employ"                           |
| • "laws"                  | • refers to a field of study.        |
| • "locomotion"            | • describes the widespread presence. |
| • "domestic sphere"       | • refers to the home environment.    |
| • "utilize"               | • "integral"                         |
| • "advancements"          | • refers to the act of moving.       |
| • "essential"             | • "developments"                     |
| • "functioning"           | • refers to how something works.     |
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